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Dr. Georgia Tourassi is the Director of the National Center for Computational Sciences at the Oak Ridge National Laboratory (ORNL). Concurrently, she holds appointments as an Adjunct Professor of Radiology at Duke University and as a joint UT-ORNL Professor of the Bredesen Center Data Science Program at the University of Tennessee at Knoxville.

Her scholarly work includes 13 US patents and innovation disclosures and more than 260 peer-reviewed journal articles, conference proceedings articles, editorials, and book chapters. She is elected Fellow of the American Institute of Medical and Biological Engineering (AIMBE), the American Association of Medical Physicists (AAPM), the International Society for Optics and Photonics (SPIE), and the American Association for the Advancement of Science (AAAS).

Her research interests include high performance computing and artificial intelligence in biomedicine. For her leadership in the Joint Design of Advanced Computing Solutions for Cancer initiative, she received the DOE Secretary's Appreciation Award in 2016. In 2017, she received the ORNL Director's Award for Outstanding Individual Accomplishment in Science and Technology and the UT-Battelle Distinguished Researcher Award. In 2020, Dr. Tourassi received the DOE's Secretary Honors Award for her contributions to the COVID 19 Insights Partnership Team and to the COVID 19 HPC Resource Team.

Tourassi holds a B.S. in Physics from Aristotle University of Thessaloniki, Greece, and a Ph.D. in Biomedical Engineering from Duke University.